## **CLAIMS**

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1. A flame-sprayed aluminum-alloy particularly suited as sliding material, wherein the aluminum alloy contains from 12 to 60% by weight of Si, the balance being essentially Al, and further the granular Si particles are dispersed in the matrix thereof.

- 2. A flame-sprayed aluminum alloy, which contains from 12 to 60% by weight of Si, from 0.1 to 30% by weight of Sn, the balance being essentially Al, and further the granular Si particles and Sn being dispersed in the matrix thereof.
- 3. A flame-sprayed aluminum alloy according to claim 1 or 2, wherein said alloy contains at least one element of the group consisting of: 7.0% by weight or less of Cu; 5.0% by weight or less of Mg; 1.5% by weight or less of Mn; 1.5% by weight or less of Fe; and 8.0% by weight or less of Ni.
- 4. A flame-sprayed aluminum alloy according to any one of claims 1 through 3, wherein the average particle diameter of said granular Si is 50 μ m or less.
- 5. A flame sprayed aluminum alloy according to any one of claims

  1 through 4, wherein said alloy is applied on a metallic substrate having roughened surface.
- 6. A flame sprayed aluminum alloy according to claim 5, wherein a soft film is applied on said flame-sprayed aluminum alloy.